

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): SAWAZAKI, et al.

Appn. No.: 09

Series Code ↑

522,832

Serial No.

Group Art Unit 2815

Examiner: B. Baumeister

Atty. Dkt. P 257760 T36-120877M/KOH

M# Client Ref

Appln. Title: GROUP III NITRIDE COMPOUND SEMICONDUCTOR LIGHT-EMITTING DEVICE

Filed:

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

REPLY/AMENDMENT/LETTER

Date: November 29, 2001

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim		Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
A. <input checked="" type="checkbox"/> NOT made	B. <input type="checkbox"/> Withdrawn						
C. <input type="checkbox"/> made herewith	For B & C See Required Separate Paper (Pat-256)						
D. <input type="checkbox"/> made previously							
2. Total Effective Claims	4	**minus	20	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	1	***minus	3	0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)				add	+ \$280/\$140 =	+ \$0	104/204
5. Original due Date: November 29, 2001	<input type="checkbox"/> NONE						
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo)	\$110/\$55 =					115/215
	(2 mos)	\$400/\$200 =					116/216
	(3 mos)	\$920/\$460 =					117/217
	(Usable only for ≤ 2mo.OA --- 4 mos)	\$1,440/\$720=					118/218
	(Usable only for 30 day/1mo.OA --- 5 mos)	\$1,960/\$980=					128/228
7. Enter any previous extension fee paid since above original due date and subtract				- \$0			
8.		Extension Fee Attached		+ \$0			
9. If Terminal Disclaimer attached, add Rule 20(d) official fee				+ \$110/\$55	+ \$0		148/248
10. If IDS attached requires Official Fee under Rule 97 (c),	add	+ \$180					126
or if Rule 97(d) Request	add	+ \$180					126
11. After-Final Request Fee per rules 129(a) and 17(r)		+ \$740/370			+ \$0		146/246
12. No. of additional inventions for examination per Rule 129(b).....		x \$740/370 ea			+ \$0		149/249
13. Request for Continued Examination (RCE)		+ \$740/370			+ \$0		1179/1279
14. Petition fee for				+ \$0			
15.		TOTAL FEE ENCLOSED =		\$0			

16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975

(Our Order No. 51273 257760

C# M#

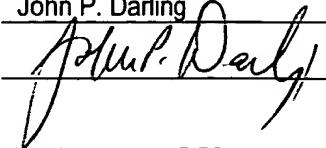
CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP
Intellectual Property Group

By Atty: John P. Darling Reg. No. 44,482

Sig: 
Fax: (703) 905-2500
Tel: (703) 905-2045

Atty/Sec: JPD/VPH:ksh

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **SAWAZAKI, et al.**

Application No.: 09/522,832

Filed: March 10, 2000

~~10/12/01~~
Group: 2815

Examiner: B. Baumeister,

Title: GROUP III NITRIDE COMPOUND
SEMICONDUCTOR LIGHT-EMITTING
DEVICE

* * * *

November 29, 2001

AMENDMENT

Hon. Commissioner of Patents
Washington, D. C. 20231

Sir:

In response to the Office Action dated August 29, 2001, Applicants submit the following Amendment and Reply.

IN THE CLAIMS:

Please enter the following amended claim:

1. (Twice Amended) A group III nitride compound semiconductor light-emitting device comprising:
a light-emitting layer of a multilayer quantum well structure composed of alternately laminated well layers and barrier layers; and
an n-type clad layer being in contact with said light-emitting layer,
wherein said n-type clad layer is made thicker than each of said barrier layers and the thickness of said n-type clad layer is in a range of 100 Å to 500 Å,